

LISTE DE SEQUENCES

<110> AVENTIS PHARMA
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE M

<120> COMPOSES CAPABLES DE MODULER L'ACTIVITE DE LA PARKINE,
SEQUENCES NUCLEOTIDIQUES ET UTILISATIONS

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<170> PatentIn Ver. 2.1

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Gly	Cys	Leu	Thr	Leu	Pro	Asp	Gln	Gln	Lys	Leu	Arg	Leu	Lys	Ser	Pro
	210					215					220				
Val	Leu	Arg	Lys	Gln	Ala	Cys	Pro	Gln	Trp	Lys	His	Ser	Phe	Val	Phe
225					230					235					240
Ser	Gly	Val	Thr	Pro	Ala	Gln	Leu	Arg	Gln	Ser	Ser	Leu	Glu	Leu	Thr
				245					250					255	
Val	Trp	Asp	Gln	Ala	Leu	Phe	Gly	Met	Asn	Asp	Arg	Leu	Leu	Gly	Gly
			260					265					270		
Thr	Arg	Leu	Gly	Ser	Lys	Gly	Asp	Thr	Ala	Val	Gly	Gly	Asp	Ala	Cys
		275					280					285			
Ser	Gln	Ser	Lys	Leu	Gln	Trp	Gln	Lys	Val	Leu	Ser	Ser	Pro	Asn	Leu
				290		295					300				
Trp	Thr	Asp	Met	Thr	Leu	Val	Leu	His							
305					310										

<210> 16

<211> 19

<212> ADN

<213> Séquence artificielle

<220>

 <223> Description de la séquence artificielle:
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<400> 16
ccagtttctgc ctgttcac
19

<210> 17
<211> 20
<212> ADN
<213> Séquence artificielle

<220>
<223> Description de la séquence artificielle:
oligonucleotide

<400> 17
ttcaaaacac agaggaggag
20

<210> 18
<211> 20
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<223> Description de la séquence artificielle:
oligonucleotide

<400> 18
gaatttggtc agtttagagg
20

<210> 19
<211> 26
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oligonucleotide

<400> 19
ttctgggatt tggagagctt tttcac
26

<210> 20

<211> 22
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oligonucleotide

<400> 20
tctgtctgtc ccacacactg cc
22

<210> 21
<211> 19
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oligonucleotide

<400> 21
gactggctcc gtctctctg
19

<210> 22
<211> 21
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<223> Description de la séquence artificielle:
oligonucleotide

<400> 22
aagcaacaga atctcccatc c
21

<210> 23
<211> 21
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<223> Description de la séquence artificielle:

oligonucleotide

<400> 23

gcattgtcaa aattgcccac c
21

<210> 24

<211> 20

<212> ADN

<213> Séquence artificielle

<220>

<223> Description de la séquence artificielle:
oligonucleotide

<400> 24

aggcggagaa atacgaagac
20

<210> 25

<211> 22

<212> ADN

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<220>

<223> Description de la séquence artificielle:
oligonucleotide

<400> 25

gcagagtgag acagccctta ac
22

<210> 26

<211> 24

<212> ADN

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oligonucleotide

<400> 26

cttcctcagg actggcgact tcag
24

<210> 27
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<400> 27
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 24

<210> 28
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<400> 28
 aagaggagat aacccaccag ag
 22

<210> 29
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 oligonucleotide

<400> 29
 agggctgctg gctatttttc
 20

<210> 30
 <211> 19
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oligonucleotide

<400> 30

taagaaatgg gttgtgaac
19

<210> 31

<211> 21

<212> ADN

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<223> Description de la séquence artificielle:
oligonucleotide

<400> 31

aagcaacaga atctcccatc c
21

<210> 32

<211> 21

<212> ADN

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<223> Description de la séquence artificielle:
oligonucleotide

<400> 32

gcattgtcaa aattgcccac c
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<210> 33

<211> 20

<212> ADN

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<400> 33

aggcggagaa atacgaagac

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<210> 34
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<400> 34
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<210> 35
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<400> 35
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<210> 36
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<400> 36
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<210> 37
<211> 22
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<400> 37

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<210> 38

<211> 18

<212> ADN

<213> Séquence artificielle

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<223> Description de la séquence artificielle:
oligonucleotide

<400> 38

aatggaaggg cgtgacgc
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<210> 39

<211> 21

<212> ADN

<213> Séquence artificielle

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<223> Description de la séquence artificielle:
oligonucleotide

<400> 39

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<210> 40

<211> 31

<212> ADN

<213> Séquence artificielle

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<223> Description de la séquence artificielle:
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<400> 40

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<210> 41

<211> 24

<212> ADN

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<400> 41

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<210> 42

<211> 2347

<212> ADN

<213> Homo sapiens

<400> 42

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120
gctgagcttt tcatgatggt tctgtctgac ctggaaacat cttaaagtga agggcgtgag
180
cgcttgggtcc atgcagtga gctcttccaa cctgggtcaa cgaaaacgga gaagaaatgg
240
ccaagaaat agatctgagt gctctcaagg agttagaacg cgaggccatt ctccaggtcc
300
tgtaccgaga ccaggcgggt caaaacacag aggaggagag gacacggaaa ctgaaaacac
360
acctgcagca tctccggtgg aaaggagcga agaacacgga ctgggagcac aaagagaagt
420
gctgtgcgcg ctgccagcag gtgctggggg tctgtctgca ccggggcgcc gtgtgccggg
480
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600
aggaacgagc caagaaattt ccaactggag gcaaacaatga gacagttgga gggcagctct
660
tgcaatctta tcagaagctg agcaaaattt ctgtgggttcc tctactcca cctcctgtca

720
gcgagagcca gtgcagccgc agtcctggca ggttacagga atttggtcag tttagaggat
780
ttaataagtc cgtggaaaat ttgtttctgt ctcttgctac ccacgtgaaa aagctctcca
840
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1260
agtgcaatcc gtatgtgaag acctacctgt tgcccgcacag atcctcccag ggaaagcgca
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1860
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1980
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2040
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2100
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2160
gacccctttg accttgagca gtctccatct gcggccctgt cccatggcctt aaccgcctat
2220
tggtatctgt gtatatattac gttaaacaca attatgttac ctaagcctct ggtggggttat
2280
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2340
aaaaaaa
2347

<210> 43
<211> 610
<212> PRT
<213> Homo sapiens

<400> 43

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1 5 10 15
Ala Ile Leu Gln Val Leu Tyr Arg Asp Gln Ala Val Gln Asn Thr Glu
20 25 30
Glu Glu Arg Thr Arg Lys Leu Lys Thr His Leu Gln His Leu Arg Trp
35 40 45
Lys Gly Ala Lys Asn Thr Asp Trp Glu His Lys Glu Lys Cys Cys Ala
50 55 60
Arg Cys Gln Gln Val Leu Gly Phe Leu Leu His Arg Gly Ala Val Cys
65 70 75 80
Arg Gly Cys Ser His Arg Val Cys Ala Gln Cys Arg Val Phe Leu Arg
85 90 95
Gly Thr His Ala Trp Lys Cys Thr Val Cys Phe Glu Asp Arg Asn Val
100 105 110
Lys Ile Lys Thr Gly Glu Trp Phe Tyr Glu Glu Arg Ala Lys Lys Phe
115 120 125
Pro Thr Gly Gly Lys His Glu Thr Val Gly Gly Gln Leu Leu Gln Ser
130 135 140
Tyr Gln Lys Leu Ser Lys Ile Ser Val Val Pro Pro Thr Pro Pro Pro
145 150 155 160
Val Ser Glu Ser Gln Cys Ser Arg Ser Pro Gly Arg Leu Gln Glu Phe

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      165              170              175
Gly Gln Phe Arg Gly Phe Asn Lys Ser Val Glu Asn Leu Phe Leu Ser
      180              185              190
Leu Ala Thr His Val Lys Lys Leu Ser Lys Ser Gln Asn Asp Met Thr
      195              200              205
Ser Glu Lys His Leu Leu Ala Thr Gly Pro Arg Gln Cys Val Gly Gln
      210              215              220
Thr Glu Arg Arg Ser Gln Ser Asp Thr Ala Val Asn Val Thr Thr Arg
      225              230              235              240
Lys Val Ser Ala Pro Asp Ile Leu Lys Pro Leu Asn Gln Glu Asp Pro
      245              250              255
Lys Cys Ser Thr Asn Pro Ile Leu Lys Gln Gln Asn Leu Pro Ser Ser
      260              265              270
Pro Ala Pro Ser Thr Ile Phe Ser Gly Gly Phe Arg His Gly Ser Leu
      275              280              285
Ile Ser Ile Asp Ser Thr Cys Thr Glu Met Gly Asn Phe Asp Asn Ala
      290              295              300
Asn Val Thr Gly Glu Ile Glu Phe Ala Ile His Tyr Cys Phe Lys Thr
      305              310              315              320
His Ser Leu Glu Ile Cys Ile Lys Ala Cys Lys Asn Leu Ala Tyr Gly
      325              330              335
Glu Glu Lys Lys Lys Lys Cys Asn Pro Tyr Val Lys Thr Tyr Leu Leu
      340              345              350
Pro Asp Arg Ser Ser Gln Gly Lys Arg Lys Thr Gly Val Gln Arg Asn
      355              360              365
Thr Val Asp Pro Thr Phe Gln Glu Thr Leu Lys Tyr Gln Val Ala Pro
      370              375              380
Ala Gln Leu Val Thr Arg Gln Leu Gln Val Ser Val Trp His Leu Gly
      385              390              395              400
Thr Leu Ala Arg Arg Val Phe Leu Gly Glu Val Ile Ile Pro Leu Ala
      405              410              415
Thr Trp Asp Phe Glu Asp Ser Thr Thr Gln Ser Phe Arg Trp His Pro

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      420              425              430
Leu Arg Ala Lys Ala Glu Lys Tyr Glu Asp Ser Val Pro Gln Ser Asn
      435              440              445
Gly Glu Leu Thr Val Arg Ala Lys Leu Val Leu Pro Ser Arg Pro Arg
      450              455              460
Lys Leu Gln Glu Ala Gln Glu Gly Thr Asp Gln Pro Ser Leu His Gly
      465              470              475              480
Gln Leu Cys Leu Val Val Leu Gly Ala Lys Asn Leu Pro Val Arg Pro
      485              490              495
Asp Gly Thr Leu Asn Ser Phe Val Lys Gly Cys Leu Thr Leu Pro Asp
      500              505              510
Gln Gln Lys Leu Arg Leu Lys Ser Pro Val Leu Arg Lys Gln Ala Cys
      515              520              525
Pro Gln Trp Lys His Ser Phe Val Phe Ser Gly Val Thr Pro Ala Gln
      530              535              540
Leu Arg Gln Ser Ser Leu Glu Leu Thr Val Trp Asp Gln Ala Leu Phe
      545              550              555              560
Gly Met Asn Asp Arg Leu Leu Gly Gly Thr Arg Leu Gly Ser Lys Gly
      565              570              575
Asp Thr Ala Val Gly Gly Asp Ala Cys Ser Gln Ser Lys Leu Gln Trp
      580              585              590
Gln Lys Val Leu Ser Ser Pro Asn Leu Trp Thr Asp Met Thr Leu Val
      595              600              605
Leu His
      610

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<210> 44

<211> 1648

<212> ADN

<213> Homo sapiens

<400> 44

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agtgaggcag ttttaaaaaa aggcggagaa ctagaattat agaataatgg cacattttgt

120
 gtatttgtaa aactaacggc ttgcatgggt cacaacccat ttcttatgcc tgtgttttcc
 180
 ttggcagcaa aattttctgtg gttcctccta ctccacctcc tgtcagcgag agccagtgca
 240
 gccgcagtcc tggcaggaag gtcagtgcac cagatattct gaaacctctc aatcaagagg
 300
 atcccaaagt ctctactaac cctattttga agcaacagaa tctcccatcc agtccggcac
 360
 ccagtaccat attctctgga ggtttttagac acggaagttt aattagcatt gacagcacct
 420
 gtacagagat gggcaatttt gacaatgcta atgtcactgg agaaatagaa tttgccattc
 480
 attattgctt caaaacccat tctttagaaa tatgcatcaa ggcctgtaag aaccttgcct
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 atggagaaga aaagaagaaa aagtgcatac cgtatgtgaa gacctacctg ttgcccagaca
 600
 gatcctccca gggaaagcgc aagactggag tccaaaggaa caccgtggac ccgaccttcc
 660
 aggagacctt gaagtatcag gtggcccctg cccagctggg gaccggcag ctgcaggtct
 720
 cgggtgtggc tctgggcacg ctggcccgga gagtgtttct tggagaagtg atcattcctc
 780
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1560

cctaagcctc tgggtgggtta tctcctcttt gagatgtaga aaatggccag attttaataa

1620

acgttggttac ccatgaaaaa aaaaaaaaaa

1648

<210> 45

<211> 313

<212> PRT

<213> Homo sapiens

<400> 45

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Ile	His	Tyr	Cys	Phe	Lys	Thr	His	Ser	Leu	Glu	Ile	Cys	Ile	Lys	Ala
			20					25					30		

Cys	Lys	Asn	Leu	Ala	Tyr	Gly	Glu	Glu	Lys	Lys	Lys	Lys	Cys	Asn	Pro
		35					40					45			

Tyr	Val	Lys	Thr	Tyr	Leu	Leu	Pro	Asp	Arg	Ser	Ser	Gln	Gly	Lys	Arg
	50					55					60				

Lys	Thr	Gly	Val	Gln	Arg	Asn	Thr	Val	Asp	Pro	Thr	Phe	Gln	Glu	Thr
	65				70					75					80

Leu	Lys	Tyr	Gln	Val	Ala	Pro	Ala	Gln	Leu	Val	Thr	Arg	Gln	Leu	Gln
				85					90					95	

Val	Ser	Val	Trp	His	Leu	Gly	Thr	Leu	Ala	Arg	Arg	Val	Phe	Leu	Gly
			100					105					110		

Glu	Val	Ile	Ile	Pro	Leu	Ala	Thr	Trp	Asp	Phe	Glu	Asp	Ser	Thr	Thr
		115					120					125			

Gln	Ser	Phe	Arg	Trp	His	Pro	Leu	Arg	Ala	Lys	Ala	Glu	Lys	Tyr	Glu
	130					135					140				

Asp	Ser	Val	Pro	Gln	Ser	Asn	Gly	Glu	Leu	Thr	Val	Arg	Ala	Lys	Leu
145					150					155					160

Val	Leu	Pro	Ser	Arg	Pro	Arg	Lys	Leu	Gln	Glu	Ala	Gln	Glu	Gly	Thr
				165					170					175	

Asp	Gln	Pro	Ser	Leu	His	Gly	Gln	Leu	Cys	Leu	Val	Val	Leu	Gly	Ala
			180					185					190		

Lys Asn Leu Pro Val Arg Pro Asp Gly Thr Leu Asn Ser Phe Val Lys
195 200 205

Gly Cys Leu Thr Leu Pro Asp Gln Gln Lys Leu Arg Leu Lys Ser Pro
210 215 220

Val Leu Arg Lys Gln Ala Cys Pro Gln Trp Lys His Ser Phe Val Phe
225 230 235 240

Ser Gly Val Thr Pro Ala Gln Leu Arg Gln Ser Ser Leu Glu Leu Thr
245 250 255

Val Trp Asp Gln Ala Leu Phe Gly Met Asn Asp Arg Leu Leu Gly Gly
260 265 270

Thr Arg Leu Gly Ser Lys Gly Asp Thr Ala Val Gly Gly Asp Ala Cys
275 280 285

Ser Gln Ser Lys Leu Gln Trp Gln Lys Val Leu Ser Ser Pro Asn Leu
290 295 300

Trp Thr Asp Met Thr Leu Val Leu His
305 310

<210> 46

<211> 21

<212> ADN

<213> Séquence artificielle

<220>

<223> Description de la séquence artificielle:
oligonucleotide

<400> 46

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21